

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113516.D
 Acq On : 2 Apr 2019 20:14
 Operator : JU/SJ
 Sample : K2180-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6D

Manual Integrations
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Sohil
 4/3/2019 12:42:38 PM

Quant Time: Apr 03 07:17:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	138662	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	512572	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	239081	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	427573	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	337929	20.00	ng	-0.02
87) Perylene-d12	15.23	264	374214	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	924377	109.00	ng	0.00
7) Phenol-d6	6.35	99	1190313	110.95	ng	-0.01
23) Nitrobenzene-d5	7.26	82	715773	82.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	327778	110.99	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1221161	78.76	ng	-0.02
79) Terphenyl-d14	12.78	244	1080992	70.51	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.44	163	86342	4.873	ng	99
71) Phenanthrene	11.22	178	118701	5.590	ng	99
75) Fluoranthene	12.41	202	117093	4.878	ng	98
78) Pyrene	12.63	202	92472	3.949	ng	98
81) Benzo(a)anthracene	13.82	228	46765	2.418	ng	98
83) Chrysene	13.85	228	42208	2.148	ng	98
88) Benzo(b)fluoranthene	14.84	252	48413m	2.083	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

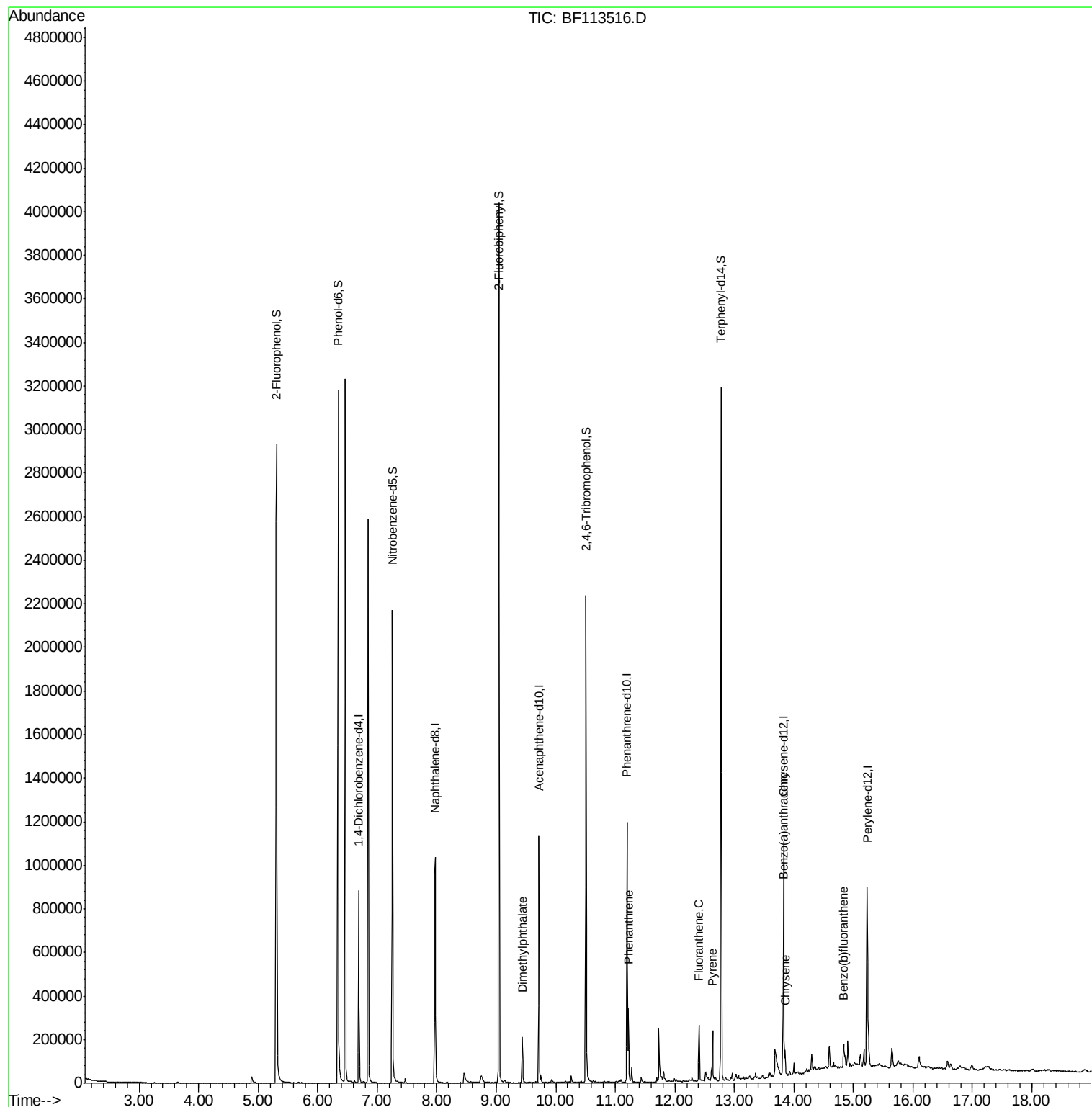
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113516.D
Acq On : 2 Apr 2019 20:14
Operator : JU/SJ
Sample : K2180-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
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TP-6D

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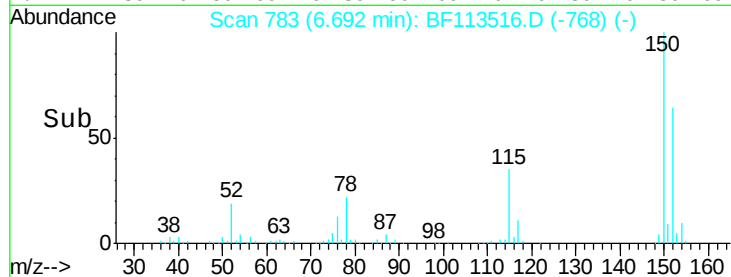
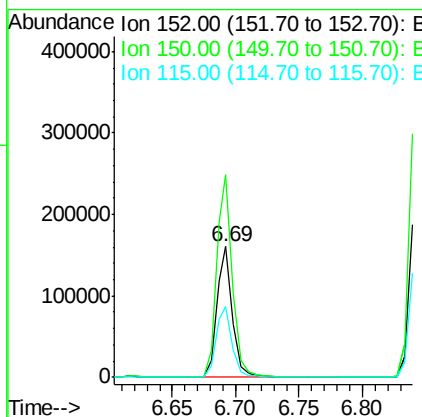
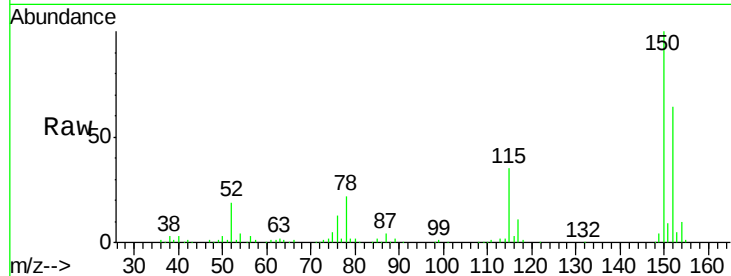
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF113516.D
 Acq: 2 Apr 2019 20:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-6D

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	138662		
150	155.4	124.7	187.1	
115	54.5	46.0	69.0	

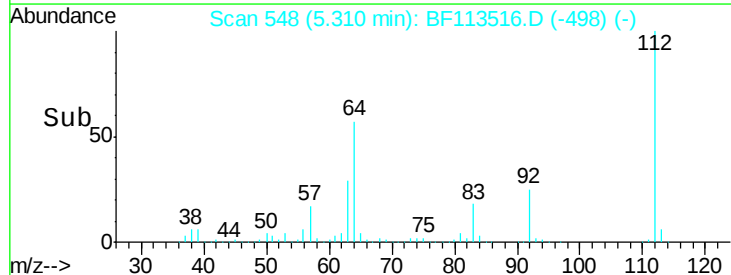
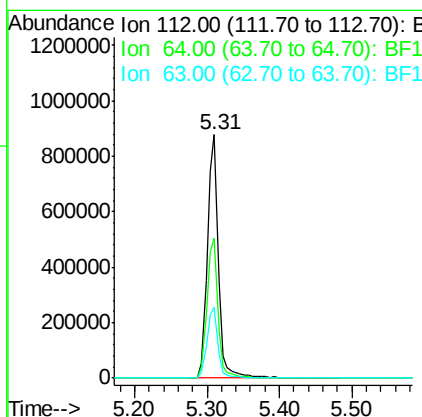
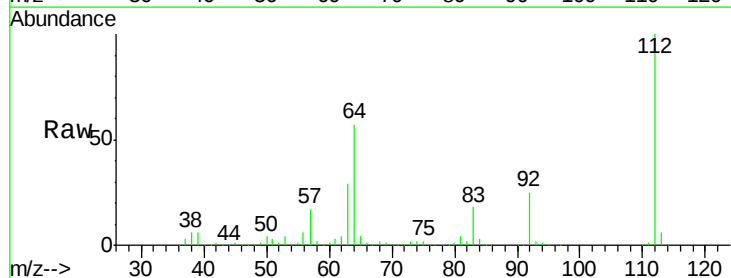
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#5
 2-Fluorophenol
 Concen: 109.004 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF113516.D
 Acq: 2 Apr 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	924377		
64	57.4	49.2	73.8	
63	29.3	24.9	37.3	





#7

Phenol-d6

Concen: 110.954 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113516.D

Acq: 2 Apr 2019 20:14

Instrument :

BNA_F

ClientSampleId :

TP-6D

Tgt Ion: 99 Resp: 1190313

Ion Ratio Lower Upper

99 100

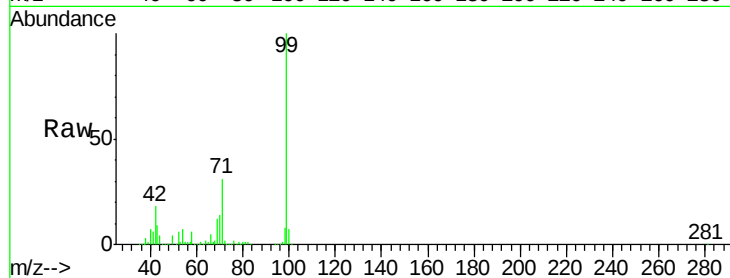
42 17.7 14.8 22.2

71 31.4 24.9 37.3

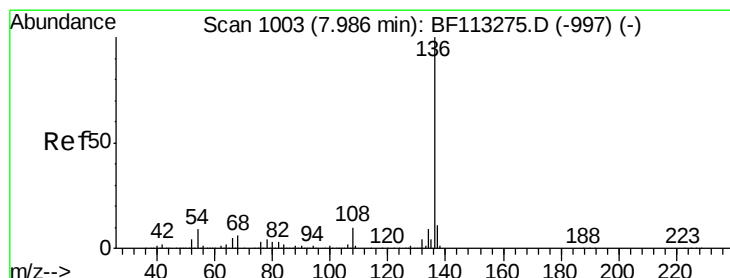
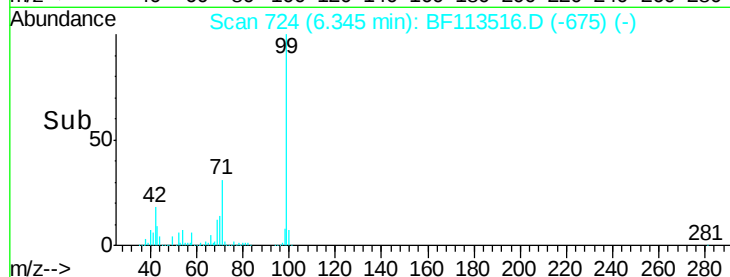
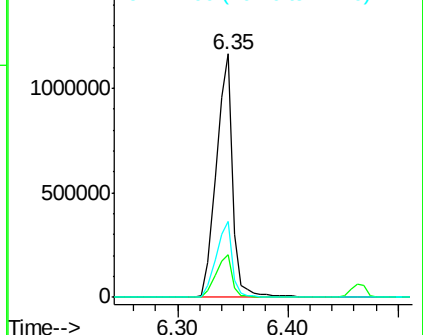
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113516.D

Acq: 2 Apr 2019 20:14

Tgt Ion: 136 Resp: 512572

Ion Ratio Lower Upper

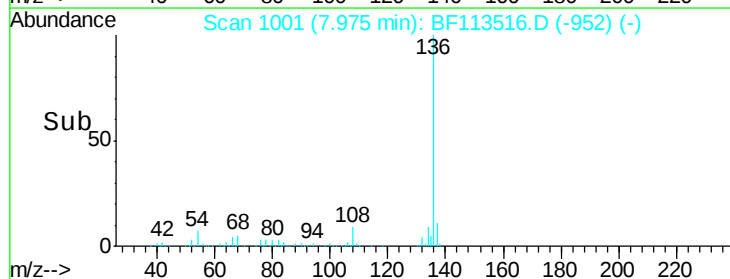
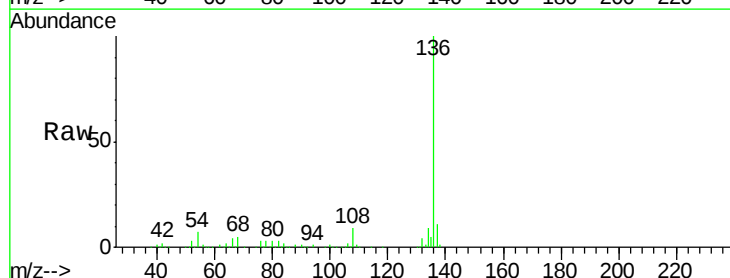
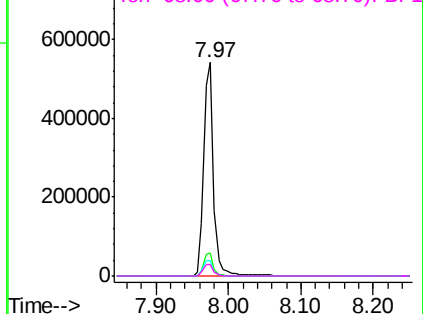
136 100

137 10.9 8.9 13.3

54 7.1 7.0 10.6

68 5.2 4.8 7.2

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





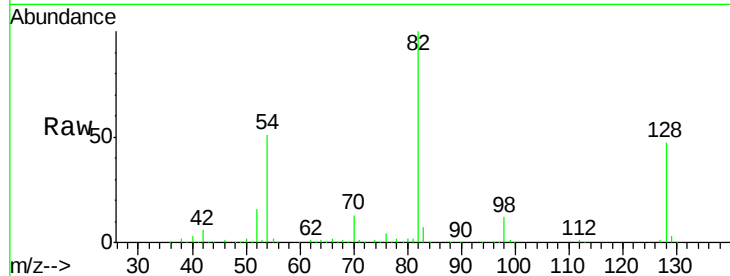
#23
Nitrobenzene-d5
Concen: 82.884 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF113516.D
Acq: 2 Apr 2019 20:14

Instrument :
BNA_F
ClientSampled :
TP-6D

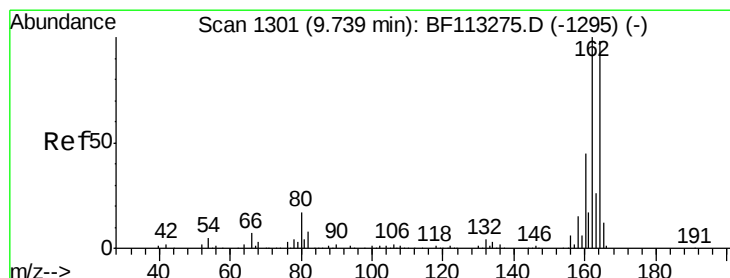
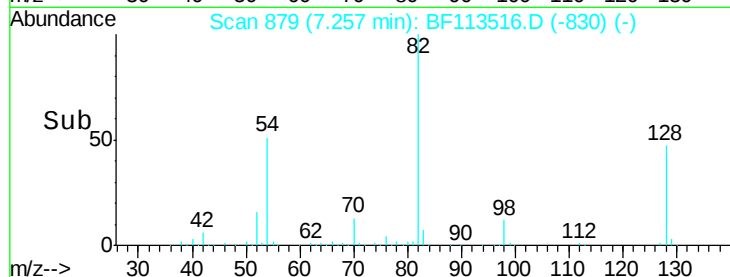
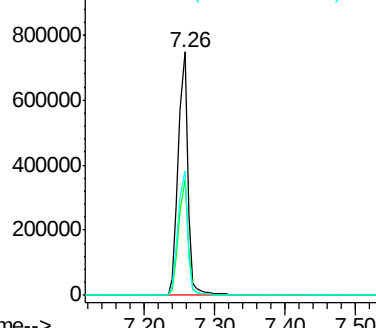
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.5	54.7
54	51.4	42.2	63.2

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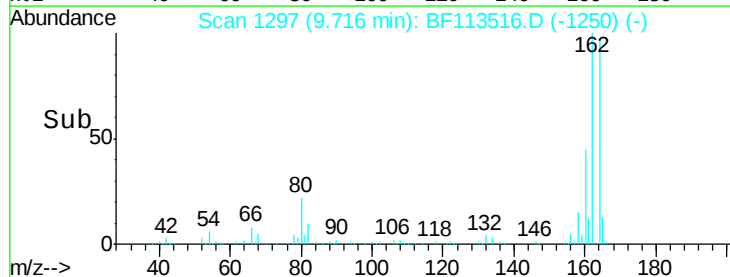
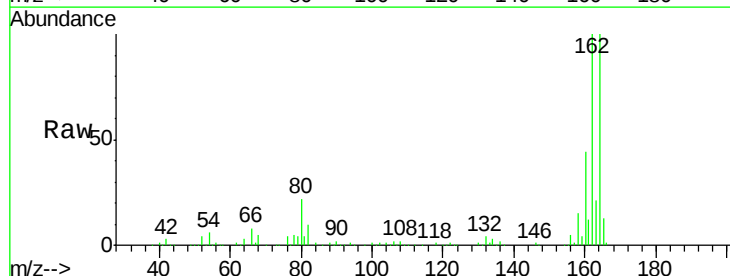
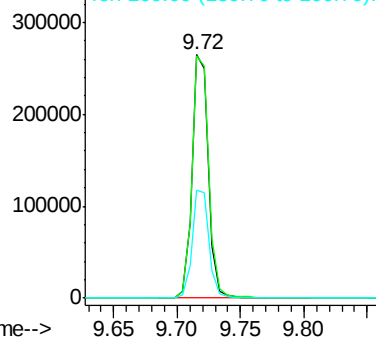
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

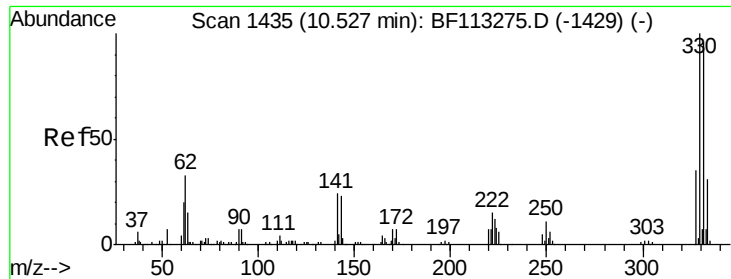


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF113516.D
Acq: 2 Apr 2019 20:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.8	122.6
160	44.4	36.4	54.6

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 110.991 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF113516.D

Acq: 2 Apr 2019 20:14

Instrument :

BNA_F

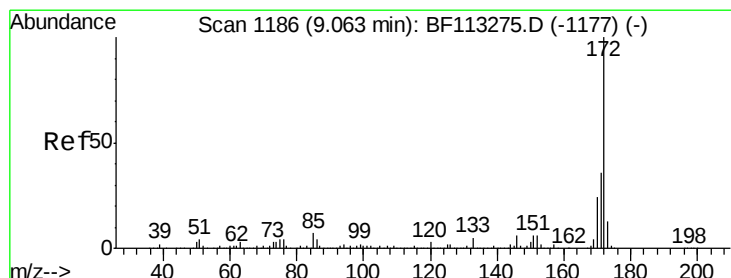
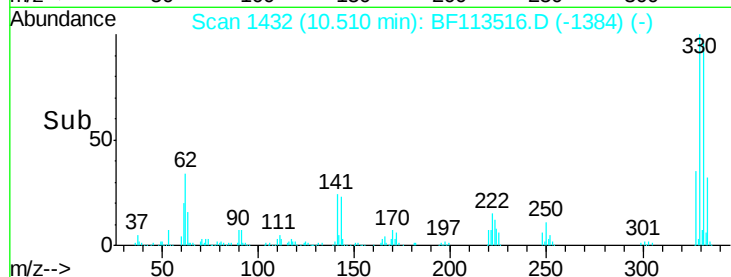
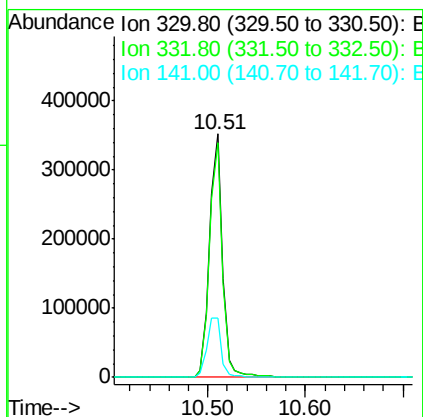
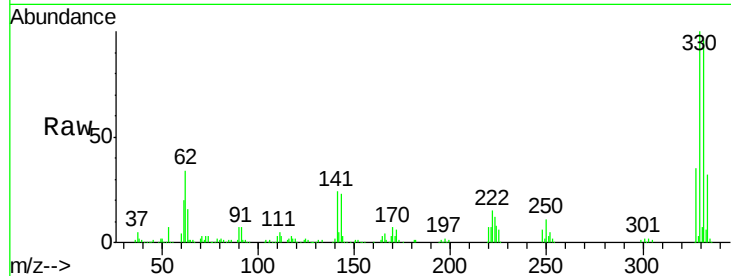
ClientSampleId :

TP-6D

Tgt Ion:	330	Resp:	327778
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.8	116.6
141	27.2	22.7	34.1

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#45

2-Fluorobiphenyl

Concen: 78.762 ng

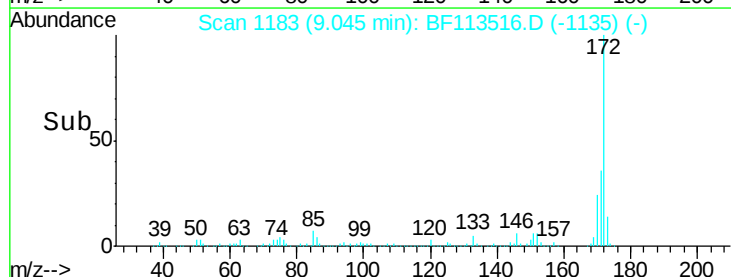
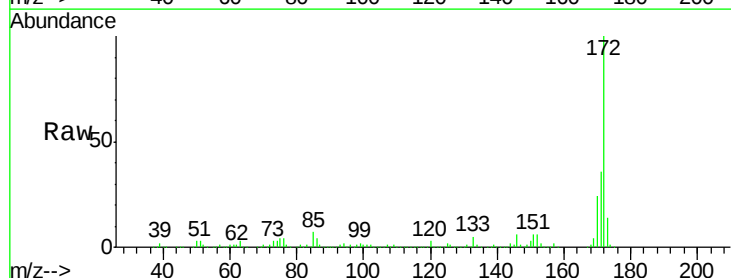
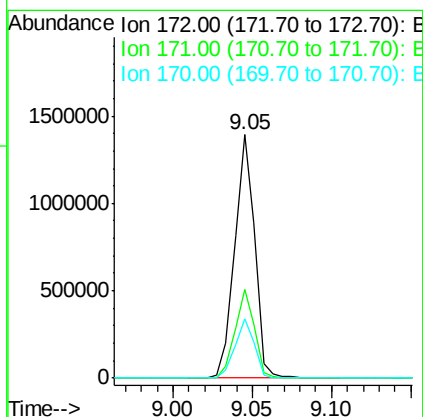
RT: 9.05 min Scan# 1183

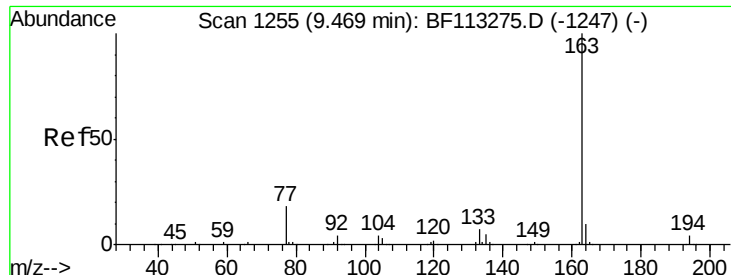
Delta R.T. -0.02 min

Lab File: BF113516.D

Acq: 2 Apr 2019 20:14

Tgt Ion:	172	Resp:	1221161
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.0	43.6
170	24.4	19.5	29.3





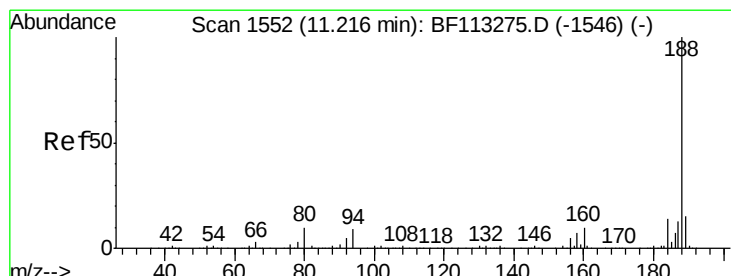
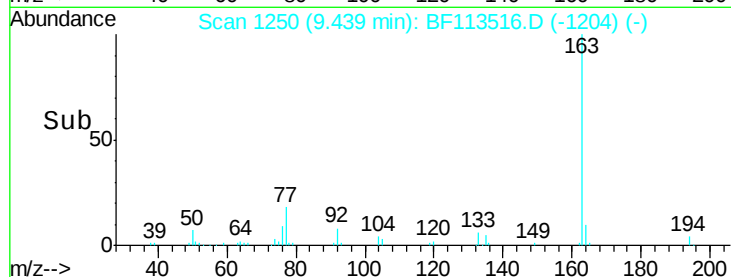
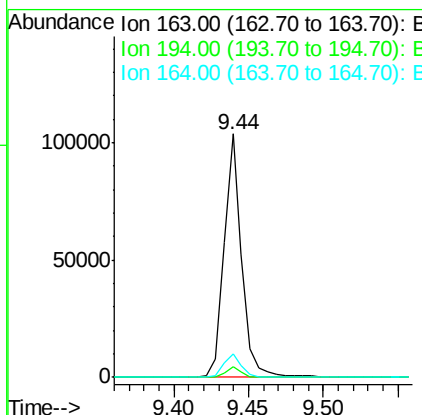
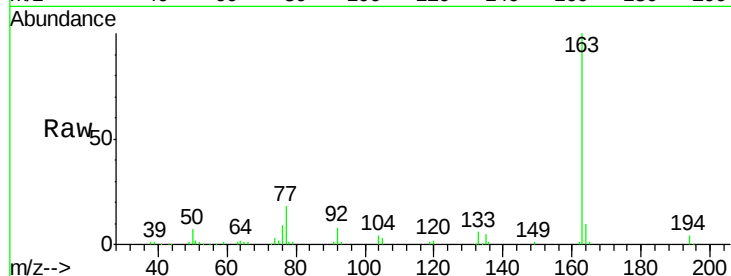
#50
Dimethylphthalate
Concen: 4.873 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF113516.D
Acq: 2 Apr 2019 20:14

Instrument :
BNA_F
ClientSampleId :
TP-6D

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	86342		
194	4.1	3.0	4.6	
164	9.5	8.1	12.1	

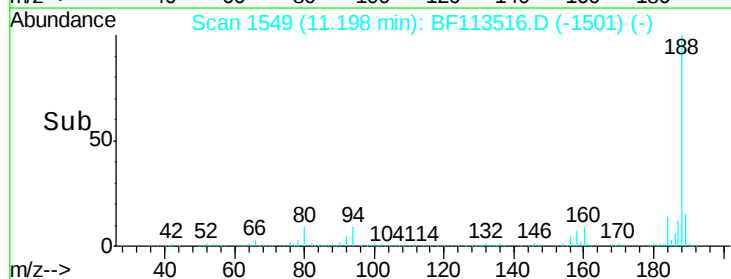
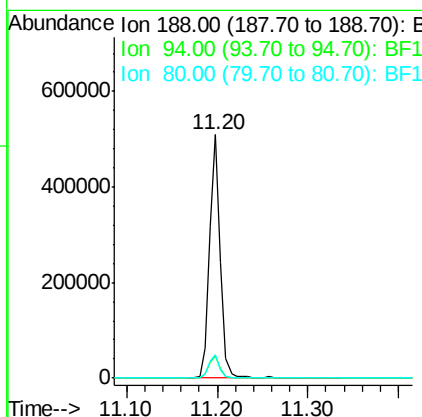
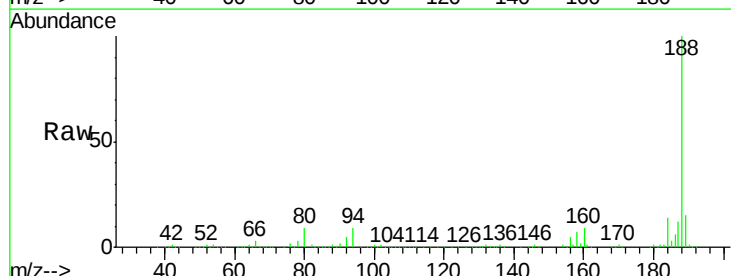
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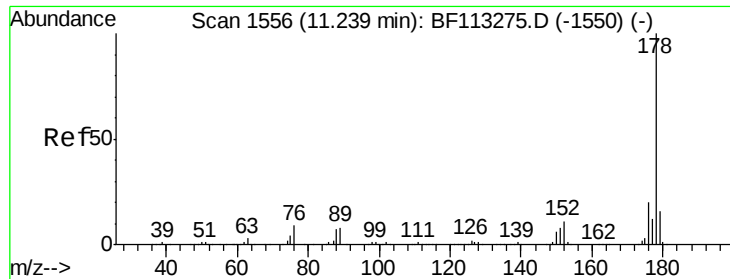
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF113516.D
Acq: 2 Apr 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	427573		
94	9.3	7.0	10.6	
80	9.5	7.7	11.5	





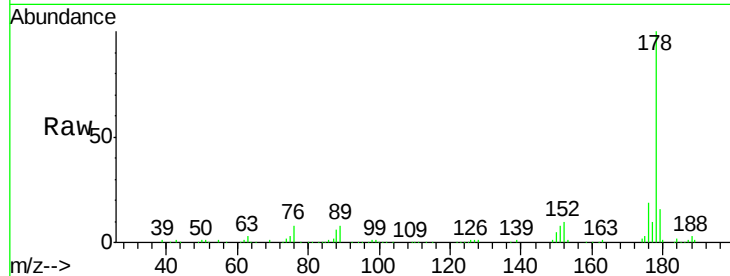
#71
Phenanthrene
Concen: 5.590 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BF113516.D
Acq: 2 Apr 2019 20:14

Instrument :
BNA_F
ClientSampleId :
TP-6D

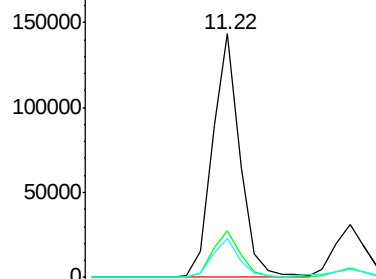
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	118701		
176	19.3	16.2	24.2	
179	15.7	12.7	19.1	

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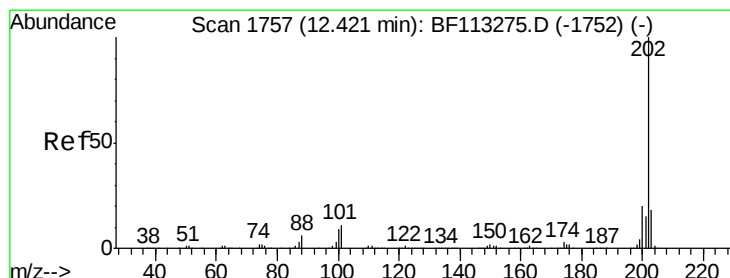
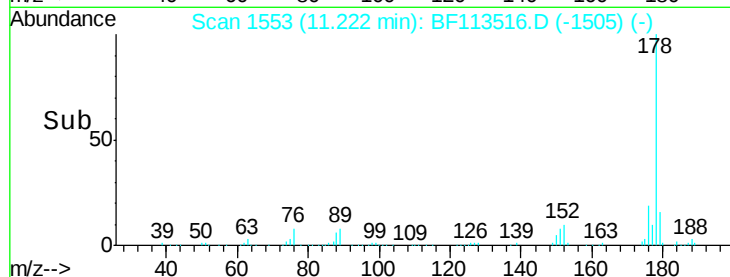
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

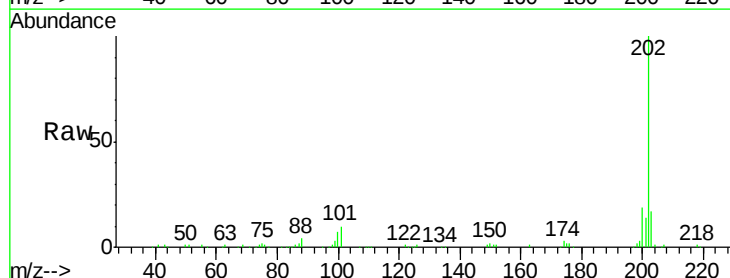


Time-->

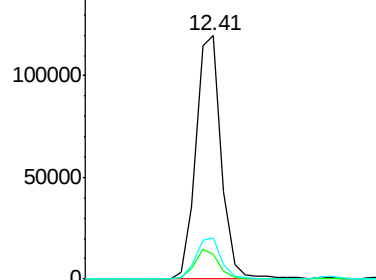


#75
Fluoranthene
Concen: 4.878 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF113516.D
Acq: 2 Apr 2019 20:14

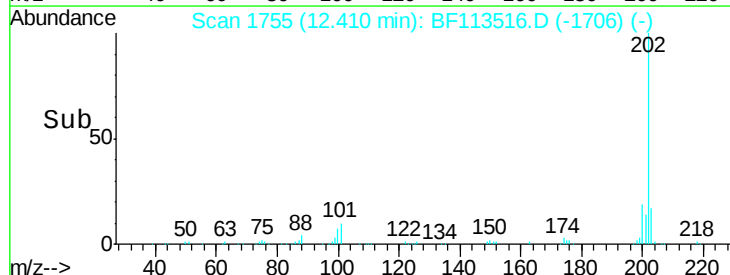
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	117093		
101	10.3	0.0	31.4	
203	17.2	0.0	38.0	

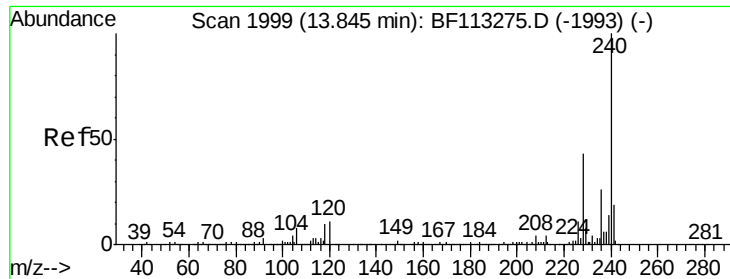


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





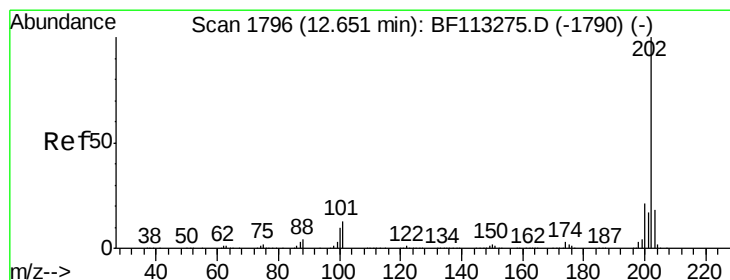
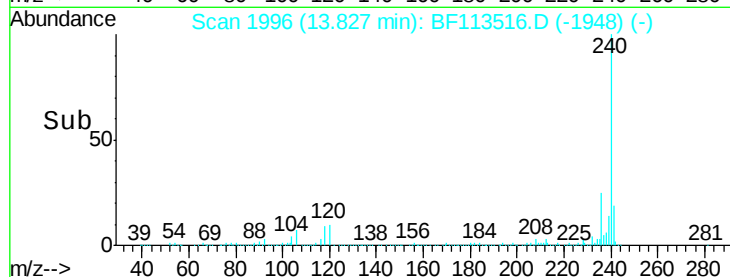
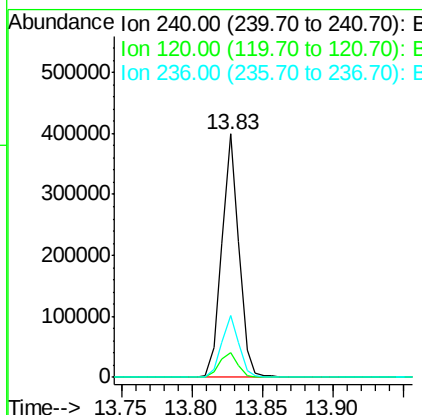
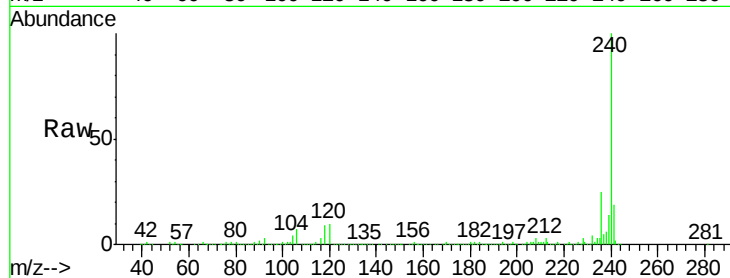
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113516.D
Acq: 2 Apr 2019 20:14

Instrument :
BNA_F
ClientSampled :
TP-6D

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.8	13.2
236	25.4	20.9	31.3

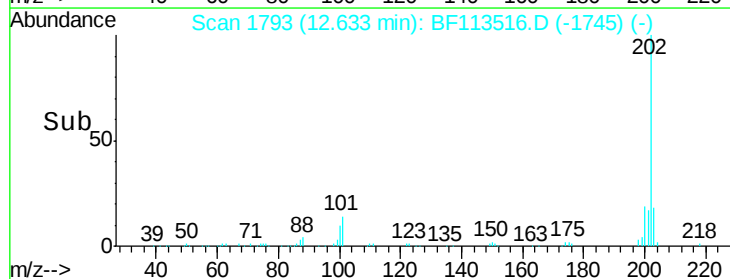
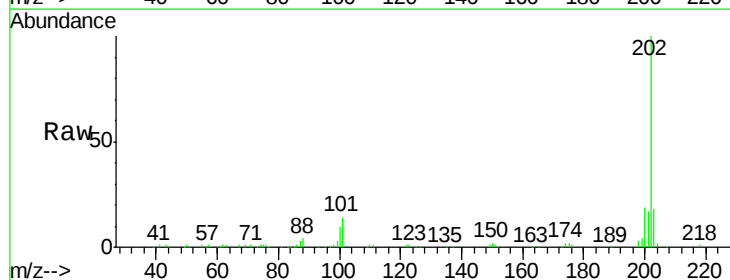
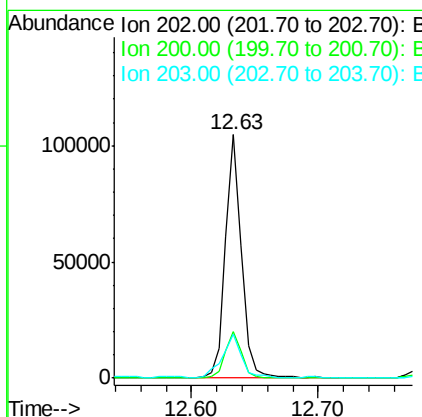
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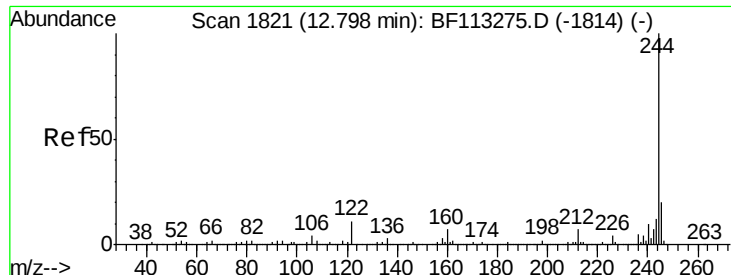
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#78
Pyrene
Concen: 3.949 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF113516.D
Acq: 2 Apr 2019 20:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.8	25.2
203	17.9	14.4	21.6





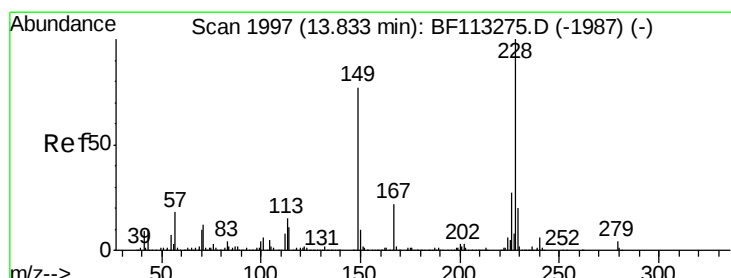
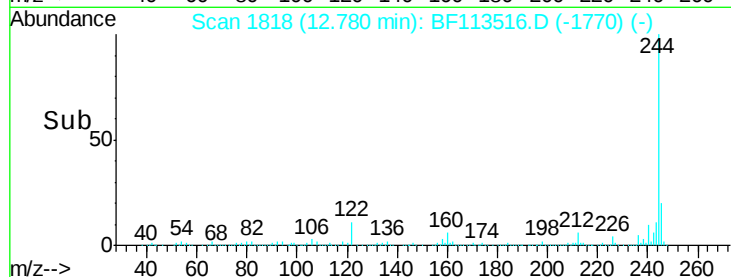
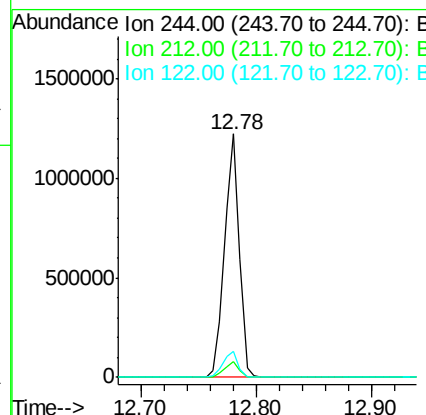
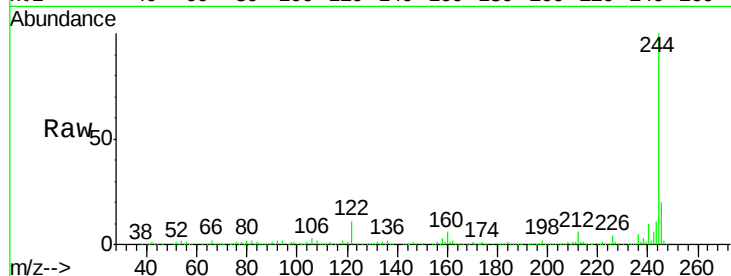
#79
 Terphenyl-d14
 Concen: 70.509 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF113516.D
 Acq: 2 Apr 2019 20:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-6D

Tgt Ion:244 Resp: 1080992
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 10.6 8.6 13.0

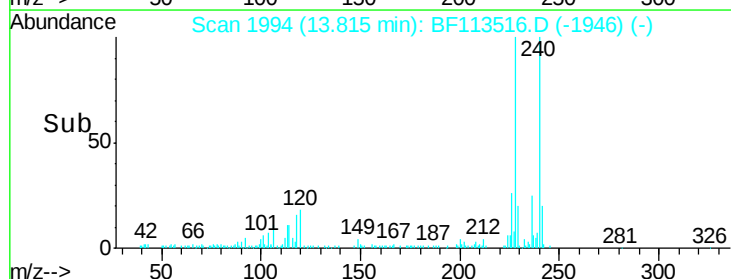
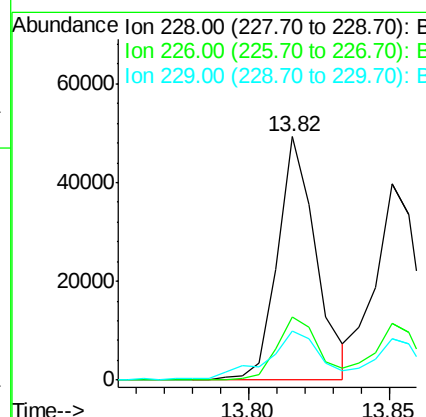
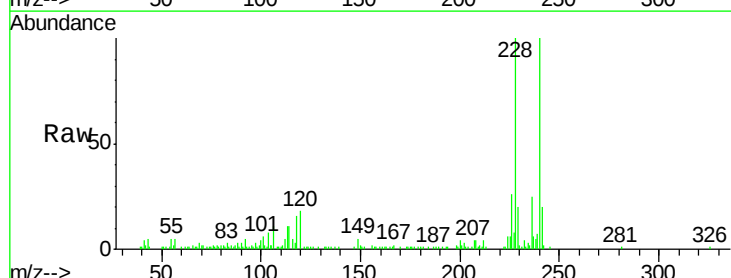
Manual Integrations
 APPROVED

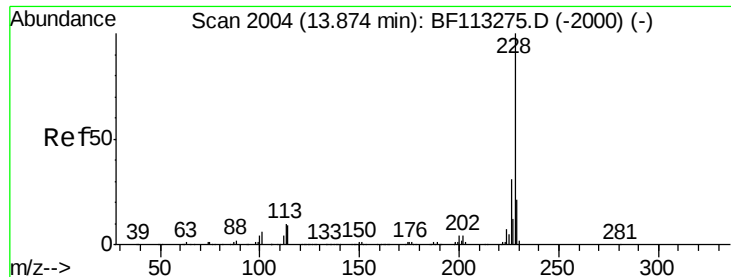
Sohil
 4/3/2019 12:42:38 PM



#81
 Benzo(a)anthracene
 Concen: 2.418 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF113516.D
 Acq: 2 Apr 2019 20:14

Tgt Ion:228 Resp: 46765
 Ion Ratio Lower Upper
 228 100
 226 25.9 21.8 32.8
 229 20.1 16.2 24.4





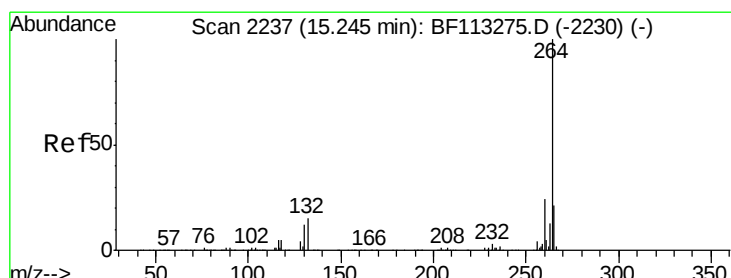
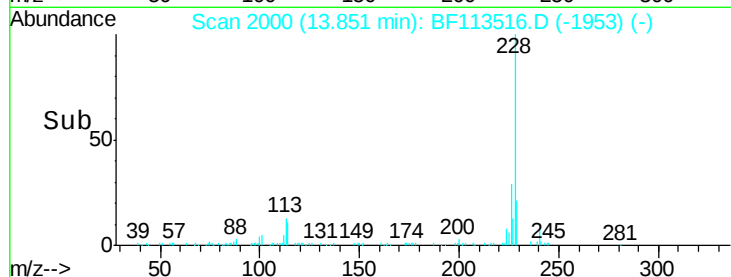
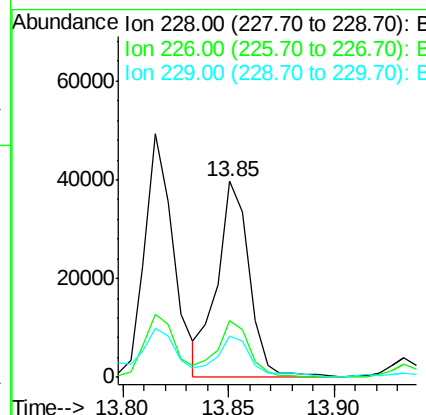
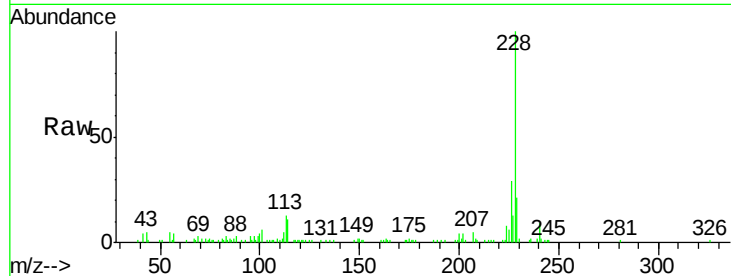
#83
Chrysene
Concen: 2.148 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113516.D
Acq: 2 Apr 2019 20:14

Instrument :
BNA_F
ClientSampleId :
TP-6D

Tgt Ion: 228 Resp: 42208
Ion Ratio Lower Upper
228 100
226 29.1 24.3 36.5
229 21.3 16.3 24.5

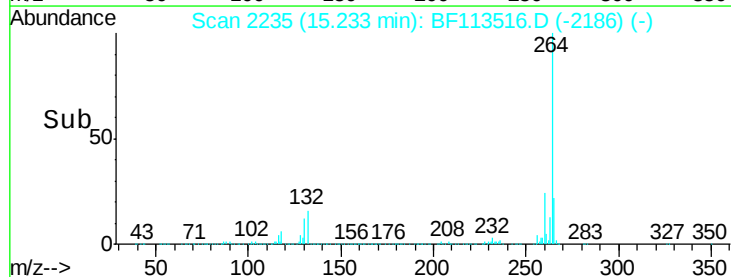
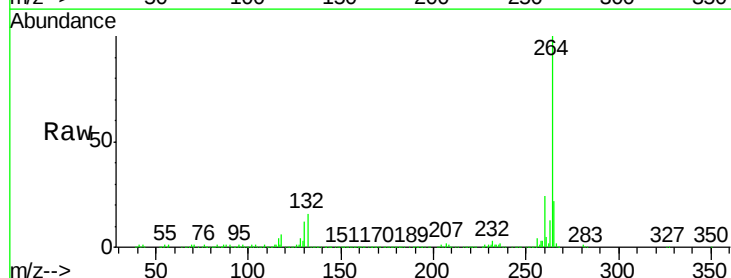
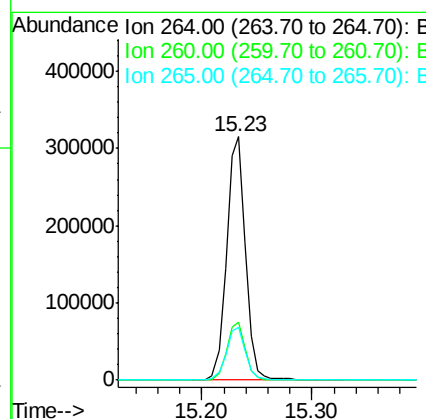
Manual Integrations
APPROVED

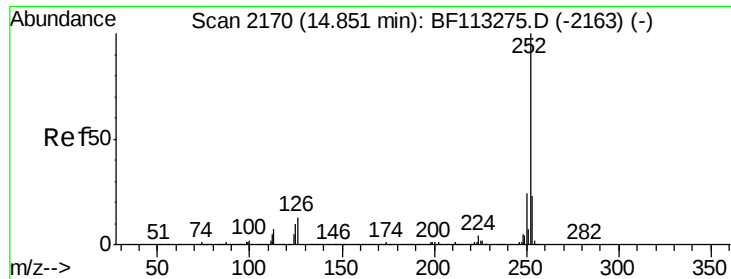
Sohil
4/3/2019 12:42:38 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113516.D
Acq: 2 Apr 2019 20:14

Tgt Ion: 264 Resp: 374214
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.7 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 2.083 ng m

RT: 14.84 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BF113516.D

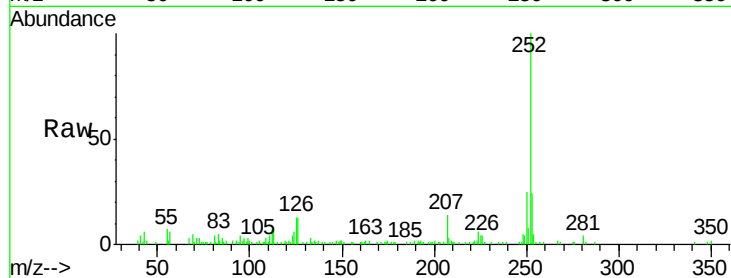
Acq: 2 Apr 2019 20:14

Instrument :

BNA_F

ClientSampleId :

TP-6D



Tgt Ion:	252	Resp:	48413
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.0	27.0
125	13.0	7.6	11.4

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:38 PM

